

Converting Colors

YUV(156.8230, -59.0727,
-46.3258)

Have a look what the booklet for
YUV(156.8230, -59.0727, -46.3258)
contains.

YUV(156.8230, -59.0727, -46.3258)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(156.8230, -59.0727,
-46.3258)**

Conversions

Conversions Part 1

Format	Color
Hex	68CF25
RGB	104, 207, 37
RGB Percent	41%, 81%, 15%
CMY	0.5922, 0.1882, 0.8549
CMYK	0.50, 0.00, 0.82, 0.19
HSL	96°, 70%, 48%
HSV	96°, 82%, 81%
XYZ	28.3557, 47.7023, 9.4632
YIQ	156.8230, -6.8180, -74.7060

Conversions

Conversions Part 2

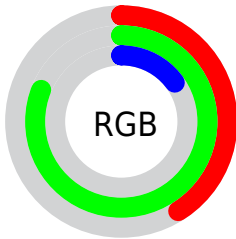
Format	Color
R_{YB}	37, 207, 140
Decimal	6868773
CIE Lab	74.64, -56.58, 67.68
CIE LCh	75, 88.215, 129.896
Yxy	47.7023, 0.3316, 0.5578
Android (android.graphics.Color)	4285058853 (0xFF68CF25)
YUV	156.8230, -59.0727, -46.3258
Hunter-Lab	69.0668, -47.5831, 40.2231

Details

The YUV color **156.8230, -59.0727, -46.3258** is a dark color, and the websafe version is hex **66CC00**. The color can be described as dark muted chartreuse. A complement of this color would be **87.1770, 59.0727, 46.3258**, and the grayscale version is **157.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **209.8930, -55.1632, -40.2482**, and **99.9880, -49.2941, -56.1175** is the 20% darker color. If you saturate the color by 10%, you get **150.5420, -66.3292, -52.2183**, and if you desaturate by 10%, it is **163.1040, -51.8163, -40.4332**.

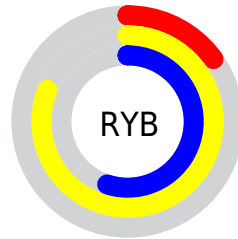
Distribution



Red (41%)

Green (81%)

Blue (15%)



Red (15%)

Yellow (81%)

Blue (55%)

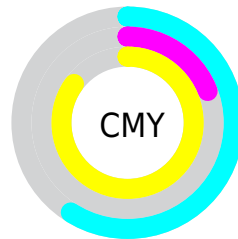


Cyan (50%)

Magenta (0%)

Yellow (82%)

Black (19%)



Cyan (59%)

Magenta (19%)

Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the YUV color 156.8230, -59.0727, -46.3258 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the YUV color 156.8230, -59.0727, -46.3258 by changing the saturation by 10% instead.

■ 156.8230,
-59.0727, -46.3258

■ 156.8230,
-59.0727, -46.3258

■ 255.0000, 0.0000,
0.0000

■ 126.9000,
-62.5617, -47.2703

■ 209.8930,
-55.1632, -40.2482

■ 99.9880, -49.2941,
-56.1175

■ 221.7560,
-47.2077, -25.2190

■ 73.3750, -36.1739,
-64.3499

■ 234.0320,
-38.9628, -9.6751

■ 58.1130, -28.6497,
-50.9651

■ 246.4930,
-31.3020, 6.5836

■ 43.4380, -21.4149,
-38.0951

■ 250.0980,
-18.7823, 4.2991

■ 29.9370, -14.7589,
-26.2547

■ 253.5180, -5.6784,

■ 14.6750, -7.2348,

1.2997

-12.8700

■ 0.0000, 0.0000,
0.0000

■ 156.8230,
-59.0727, -46.3258

■ 156.8230,
-59.0727, -46.3258

■ 150.5420,
-66.3292, -52.2183

■ 163.1040,
-51.8163, -40.4332

■ 146.0270,
-71.9913, -56.1517

■ 168.9720,
-44.8492, -35.0554

■ 175.2530,
-37.5927, -29.1629

■ 181.2350,
-30.1889, -23.8851

■ 187.4020,
-23.3692, -17.8926

■ 193.3840,
-15.9653, -12.6148

■ 199.6650, -8.7088,
-6.7222

■ 205.6470, -1.3050,
-1.4444

■ 211.8140, 5.5147,
4.5481

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



169.2480, -83.4393, 22.5845



156.8230, -59.0727, -46.3258



141.5150, -8.6349, -124.1087

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



156.8230, -59.0727, -46.3258



150.5790, 51.4796, -132.0578



148.4890, 5.6749, 93.4101

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



156.8230, -59.0727, -46.3258



87.1770, 59.0727, 46.3258

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



167.1150, 36.4253, 77.0751



156.8230, -59.0727, -46.3258



137.6650, 57.8462, -120.7322

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



156.8230, -59.0727, -46.3258



157.0360, 48.2963, -137.7206



182.0140, 35.9821, 32.4367



156.7340, -36.3509, 86.1793

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



156.8230, -59.0727, -46.3258



149.7740, 15.3944, -131.3518



182.0140, 35.9821, 32.4367



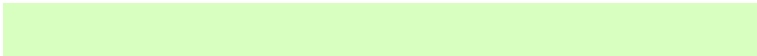
151.5670, 17.4685, 90.7107

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



156.8230, -59.0727, -46.3258



236.0430, -22.2062, -17.5777



147.7040, -54.5771, 52.0026



116.3780, -13.4974, -10.8555



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



156.8230, -59.0727, -46.3258



180.5250, -87.5198, -68.8664



138.7280, -41.7709, -89.2155



101.6530, -3.7729, -3.2037



118.3500, -58.3465, -45.9109



28.8510, -14.2235, -11.2703

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



87.1770, 59.0727, 46.3258



77.4750, 87.5198, 68.8664



105.2720, 41.7709, 89.2155



97.0480, 3.9203, 2.5889



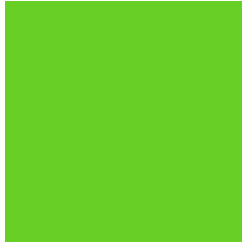
49.6500, 58.3465, 45.9109



12.1490, 14.2235, 11.2703

Previews

White Background



This preview shows how the YUV color 156.8230, -59.0727, -46.3258 looks on a white background.

Color Contrast Check

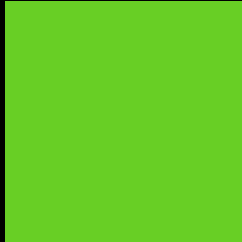
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 156.8230, -59.0727, -46.3258 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

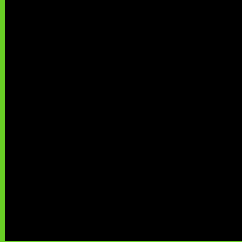
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 156.8230, -59.0727, -46.3258 Background



This preview shows how black text looks on a background with the YUV color 156.8230, -59.0727, -46.3258.



This preview shows how white text looks on a background with the YUV color 156.8230, -59.0727, -46.3258.

-46.3258.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

156.8230, -59.0727, -46.3258

Protanopia

172.1360, -70.0730, 28.8217

Deuteranopia

176.2920, -59.7970, 46.2249



Tritanopia

176.1720, 15.6912, -39.6158

Trichromacy



Original Color

156.8230, -59.0727, -46.3258

Protanomaly

166.6980, -65.9131, 1.1419

Deuteranomaly

169.0830, -59.6939, 13.0822

Tritanomaly

169.0490, -11.3632, -42.1390

Monochromacy



Original Color

156.8230, -59.0727, -46.3258

Achromatopsia

157.0000, 0.0000, 0.0000

Achromatomaly

156.8690, -21.6274, -16.5481

CSS Examples

Text

The CSS property to change the color of the text to YUV 156.8230, -59.0727, -46.3258 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(104, 207, 37)` looks like.

```
.text, #text, p{  
    color:rgb(104, 207, 37)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(104, 207, 37) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(104, 207, 37) }
```

Border

The CSS property to change the border of an element to YUV 156.8230, -59.0727, -46.3258 is called "border".

The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(104, 207, 37) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(104, 207, 37) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(104, 207, 37)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(104, 207, 37); -webkit-box-  
shadow:4px 4px 4px 4px rgb(104, 207, 37);  
box-shadow:4px 4px 4px 4px rgb(104, 207,  
37) }
```

Background

The CSS property to change the background color of an element to YUV 156.8230, -59.0727, -46.3258 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(104, 207, 37) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(104,  
207, 37) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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